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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/642,318	08/15/2003	Wade Keith Wan	15065US01	2849
23446 7590 02/07/2008 MCANDREWS HELD & MALLOY, LTD 500 WEST MADISON STREET SUITE 3400 CHICAGO, IL 60661			EXAMINER SHIFERAW, ELEN I A	
			ART UNIT 2136	PAPER NUMBER
			MAIL DATE 02/07/2008	DELIVERY MODE PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

**Advisory Action
Before the Filing of an Appeal Brief**

Application No.

10/642,318

Applicant(s)

WAN ET AL.

Examiner

Eleni A. Shiferaw

Art Unit

2136

--The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

THE REPLY FILED 28 January 2008 FAILS TO PLACE THIS APPLICATION IN CONDITION FOR ALLOWANCE.

1. ☒ The reply was filed after a final rejection, but prior to or on the same day as filing a Notice of Appeal. To avoid abandonment of this application, applicant must timely file one of the following replies: (1) an amendment, affidavit, or other evidence, which places the application in condition for allowance; (2) a Notice of Appeal (with appeal fee) in compliance with 37 CFR 41.31; or (3) a Request for Continued Examination (RCE) in compliance with 37 CFR 1.114. The reply must be filed within one of the following time periods:

- a) ☐ The period for reply expires _____ months from the mailing date of the final rejection.
b) ☒ The period for reply expires on: (1) the mailing date of this Advisory Action, or (2) the date set forth in the final rejection, whichever is later. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of the final rejection.

Examiner Note: If box 1 is checked, check either box (a) or (b). ONLY CHECK BOX (b) WHEN THE FIRST REPLY WAS FILED WITHIN TWO MONTHS OF THE FINAL REJECTION. See MPEP 706.07(f).

Extensions of time may be obtained under 37 CFR 1.136(a). The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee have been filed is the date for purposes of determining the period of extension and the corresponding amount of the fee. The appropriate extension fee under 37 CFR 1.17(a) is calculated from: (1) the expiration date of the shortened statutory period for reply originally set in the final Office action; or (2) as set forth in (b) above, if checked. Any reply received by the Office later than three months after the mailing date of the final rejection, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

NOTICE OF APPEAL

2. ☐ The Notice of Appeal was filed on _____. A brief in compliance with 37 CFR 41.37 must be filed within two months of the date of filing the Notice of Appeal (37 CFR 41.37(a)), or any extension thereof (37 CFR 41.37(e)), to avoid dismissal of the appeal. Since a Notice of Appeal has been filed, any reply must be filed within the time period set forth in 37 CFR 41.37(a).

AMENDMENTS

3. ☐ The proposed amendment(s) filed after a final rejection, but prior to the date of filing a brief, will not be entered because
(a) ☐ They raise new issues that would require further consideration and/or search (see NOTE below);
(b) ☐ They raise the issue of new matter (see NOTE below);
(c) ☐ They are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or
(d) ☐ They present additional claims without canceling a corresponding number of finally rejected claims.

NOTE: _____. (See 37 CFR 1.116 and 41.33(a)).

4. ☐ The amendments are not in compliance with 37 CFR 1.121. See attached Notice of Non-Compliant Amendment (PTOL-324).
5. ☐ Applicant's reply has overcome the following rejection(s): _____.
6. ☐ Newly proposed or amended claim(s) _____ would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s).
7. ☒ For purposes of appeal, the proposed amendment(s): a) ☐ will not be entered, or b) ☒ will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended.
The status of the claim(s) is (or will be) as follows:
Claim(s) allowed: _____.
Claim(s) objected to: _____.
Claim(s) rejected: 1-22.
Claim(s) withdrawn from consideration: 23 and 24.

AFFIDAVIT OR OTHER EVIDENCE

8. ☐ The affidavit or other evidence filed after a final action, but before or on the date of filing a Notice of Appeal will not be entered because applicant failed to provide a showing of good and sufficient reasons why the affidavit or other evidence is necessary and was not earlier presented. See 37 CFR 1.116(e).
9. ☐ The affidavit or other evidence filed after the date of filing a Notice of Appeal, but prior to the date of filing a brief, will not be entered because the affidavit or other evidence failed to overcome all rejections under appeal and/or appellant fails to provide a showing a good and sufficient reasons why it is necessary and was not earlier presented. See 37 CFR 41.33(d)(1).
10. ☐ The affidavit or other evidence is entered. An explanation of the status of the claims after entry is below or attached.

REQUEST FOR RECONSIDERATION/OTHER

11. ☒ The request for reconsideration has been considered but does NOT place the application in condition for allowance because:
See Continuation Sheet.
12. ☐ Note the attached Information Disclosure Statement(s). (PTO/SB/08) Paper No(s). _____.
13. ☐ Other: _____.

Regarding argument references failure to disclose wherein "sampling output sequences of said linear feedback shift register with a specified periodicity," remark page 8, as recited in claim 1, argument is not persuasive because Meiyappan discloses a sampling switch that samples using LFSR output during periods when its sampling input line is active (see col. 3 lines 14-32 and fig. 2 element 206). Gressel discloses reducing the correlation between successive pseudo-random numbers by generating pseudo-random numbers using a linear feedback shift register and picking the numbers at specified clock periods (see 0046, 0096, abstract, 0026-0027 and 0097). Therefore, since the method in the reference performs the claimed step, it inherently achieves the same result of "in which the correlation between successive pseudo-random numbers is reduced;" Therefore applicant's arguments on page 10-13 as recited in claim 1 are not persuasive.

Regarding Applicant's argument in reference to claim 7, same argument as above applies to the alleged feature of "in which the correlation between successive pseudo-random numbers is reduced". Moreover, Furuta et al. discloses an LFSR register, random number generator, and a switching circuit to periodically switching between iterative outputs generated by at least a first LFSR and iterative outputs generated by at least a second LFSR and reducing the correlation between successive pseudorandom numbers (see col. 67 lines 36-col. 68 lines 2). Examiner respectfully submits that "this embodiment switches the connection of the switching circuit 1309 in response to the control signal after a predetermined number of bits are shifted in the LFSR 1302.", clearly anticipating "periodically switching", not after a time period per se, but after some action takes place.

Applicant's argument in reference to claim 11 is not persuasive because Thomas clearly teaches the claimed subject matter, as follows, "operating a nonlinear operator on said pseudo-random number and one or more operands" (claim 29, and par. 0213, and 0155, the two taps map to the one or more operands). See also claim 29. Applicant's arguments are not persuasive.

Applicant's argument wherein "varying the initial value of said hashing function over time by way of a function operating on one or more variables" as recited in claim 17, remark pages 18-20, is not persuasive because Walmsley teaches the use of time varying random number encrypted for the signature hash and verified see 0358-0365 and 0942-0943.

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